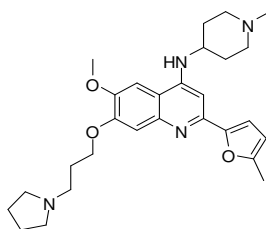


Certificate of Analysis

Axon Catalogue ID: 2812 **Batch Number:** 1
Product Name: CM-272
Alternative Name(s): N.A.
IUPAC Name: 6-Methoxy-2-(5-methylfuran-2-yl)-N-(1-methylpiperidin-4-yl)-7-(3-(pyrrolidin-1-yl)propoxy)quinolin-4-amine

Structure:



Amount:

CAS number(s): 1846570-31-7
Molecular Formula: C28H38N4O3 **Molecular Weight:** 478.63
Batch Molecular Formula: C28H38N4O3 **Batch Molecular Weight:** 478.63
Appearance: Yellow solid **Observed mp:** 108 - 110 °C
TLC (R_f): 0.7 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 98.7%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.26, H 8.00, N 11.71; Found: C 70.22, H 7.93, N 11.59
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	9.6	20.1	
DMSO	31.0	64.8	
EtOH			Not Tested

Remarks:

QC Date: 23-10-2024

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only